

## ABSTRACT OF THE DISCLOSURE

A pump for mounting on a receptacle with a pump body having at least one opening, and a moving assembly movable relative to the pump body and co-operating therewith to form a pump chamber of variable volume. The opening allows the pump chamber to communicate with an inside of the receptacle and allows the pump to operate in a head-down position. The pump also includes: an air intake passage formed between the pump body and the moving assembly and capable of communicating with the opening of the pump body; a first lip configured, after the moving assembly has moved away from a rest position in a substance-dispensing direction, to press in leaktight manner against the pump body and prevent communication between the inside of the receptacle and the pump chamber via the opening; and a second lip situated above the first lip when the pump is observed in a head-up position, said second lip being configured to close the air intake passage when the moving assembly is in the rest position and to release said passage when the moving assembly is displaced in the substance-dispensing direction.